

Meeting Minutes

Date | time 8/10/2016 10:00 AM | *Location* The Lands Council (TLC), Saranac Building, 25 West Main Ave, Spokane 2nd Floor Small Conference Room

Project:	Mycelium PCB Research	Attendees in person:
Attachments:	Experimental Design - Updated	Marcia Davis, City of Spokane (City) Adrienne Pearson, City of Spokane Heidi Montez, The Lands Council Aimee Navickis-Brasch, NBSWE Philip Small, The Land Profile David Cleary, Gonzaga University
		Attendees on conference line: Alex Taylor, Fungi Perfecti Lisa Rodenburg, Rutgers Mark Maurer, Thurston County

Meeting Minutes

The meeting opened with the attendees introducing themselves.

Heidi reviewed the research tasks completed as of August 10, 2016 with an emphasis on changes to the experimental design since the last meeting. The updated experimental design is attached and the primary changes include:

- The number of Fungi species were reduced from 16 to 8
- Both qualitative and quantitative methods are being used to measuring fungi growth
- Task 5 ratios of vector waste - hydrated sterilized sawdust - myceliated sawdust were changed from volumes to weights.

The following are topics discussed during the meeting:

Sawdust

The group discussed removing sawdust from the experiment since it is an additional variable. One justification for this change is that the sawdust may not be necessary since the vector waste appears to contain some organic matter that may help support the fungi growth. The result of the discussion was to leave the experimental design as is: with the sawdust included in Tasks 4 and 5.

The group also discussed sterilizing the sawdust and vector waste, specifically whether this step was necessary. Heidi clarified that the vector waste used in Task 5 will be raw, meaning it will not be sterilized. For the sawdust, since sterilizing will remove additional variables from the study, the result of the discussion was to leave sterilizing the sawdust as is in the experimental design for Task 4 step D and Task 5 step C.

Task 5 Control Jars

There was discussion about the number of control jars for task 5, specifically since there were three variables (vector waste - hydrated sterilized sawdust - myceliated sawdust) there should be three controls.

- Action Item: For Task 5, Heidi will add control jars that contain only vector waste in triplicate.

Fungi Growth Rates

Alex discussed the fungi growth rates, specifically since the fungi grow at different rates, he recommended that Heidi verify that the fungi are transferred at the same point in their metabolic cycle.

- Action Item: Heidi will investigate the metabolic cycle for the different fungi and determine if this information will help support the decision for to transfer the fungi to the next step defined in the experimental design.

Task 6 PCB Testing

The group also discussed how to collect samples from the Task 5 jars. Lisa recommended that the samples submitted to the lab for PCB analysis include instructions for the lab to run the testing using the largest sample size possible.

- Action Item: Heidi will talk with Jeff to determine if he has recommendations for collecting the samples. Also Heidi will talk with Jeff about including instructions for the lab to test the largest sample size.